

1279R Coax - Mini Hi-Res Component Video Cable

		<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
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Description:

25 AWG solid tinned copper conductors, FPFA insulation, Duobond® foil plus a tinned copper interlocked serve shield (100% coverage), PVC inner jacket, PVC jacket.

SUITABLE APPLICATIONS:

Suitable Applications	RGB Projectors, LCD Projectors, Video Distribution, Component Video, Graphic Displays, Special Effects Editing, Animation, Video Post Production, Home Theater, Offices, Boardrooms, Auditoriums, Teleconferencing, Theaters
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PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax	5
Total Number of Conductors	5
AWG	25
Stranding	Solid
Conductor Diameter	.018 in.
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	FPFA - Foam Perfluoroalkoxy
Insulation Diameter	.074 in.

INNER SHIELD:

Inner Shield Material Trade Name	Duobond®
Inner Shield Type	Tape/Interlocked Serve

Inner Shield Material :

Layer Number	Trade Name	Type	Material	% Coverage (%)
1	Duobond®	Tape	Aluminum Foil-Polyester Tape Lightly bonded to dielectric	100
2		Interlocked Serve	TC - Tinned Copper	95

Inner Shield %Coverage	100 %
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INNER JACKET:

Inner Jacket Material	PVC - Polyvinyl Chloride
Inner Jacket Diameter	.114 in.

Inner Jacket Color Code Chart :

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Number	Color
1	Red
2	Green
3	Blue
4	Yellow
5	Black

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.403 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-40°C To +75°C
UL Temperature Rating	60°C
Non-UL Temperature Rating	75°C
Bulk Cable Weight	71 lbs/1000 ft.
Max. Recommended Pulling Tension	130 lbs.
Min Bend Radius (Each Coax)	1.1 in.
Min. Bend Radius (Overall)	3.5 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMR
CEC/C(UL) Specification	CMG
EU CE Mark (Y/N)	No
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004

FLAME TEST:

UL Flame Test	UL1666 Vertical Shaft
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SWEEP TEST:

Sweep Testing	5 - 850 MHz
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SUITABILITY:

Suitability - Indoor	Yes
Suggested Connectors	ADC - BNC-16; KINGS - 2065-25-9; TROMPETER - 105-2053-0; BELDEN 1B25A (BNC); BELDEN 1R25A (RCA)

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

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Nom. Characteristic Impedance	75 Ohms
Nom. Inductance	.087 μ H/ft
Nom. Capacitance Conductor to Shield	17.0 pF/ft
Nominal Velocity of Propagation	80 %
Nominal Delay	1.24 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	34 Ohms/1000 ft
Nom. Inner Shield DC Resistance:	5.4 Ohms/1000 ft

Minimum Return Loss :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Minimum Return Loss (dB)
		5	850	20

Nom. Attenuation :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100 ft.)
	1			0.52
	5			1.17
	50			3.7
	100			4.9
	200			6.7
	400			9.5
	750			13.4
	900			15.0
	1000			15.8
	3000			31.2

Max. Operating Voltage - UL	300 V RMS
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PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
1279R B591000	5#25LDPE/GIFHDL DPE SH FRPVCPCVC	1000	80	BLACK, MATTE	C
1279R B59250	5#25LDPE/GIFHDL DPE SH FRPVCPCVC	250	21.75	BLACK, MATTE	C
1279R B59500	5#25LDPE/GIFHDL DPE SH FRPVCPCVC	500	40.5	BLACK, MATTE	C

C = CRATE REEL PUT-UP.

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